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MAY 2010
Environmental Programs

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: MAY 2 0 2010
Refer To: EP2010-0234

James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Review of April 2010 Groundwater Data

Dear Mr. Bearzi:

Members of the Los Alamos National Laboratory (LANL) Environmental Programs staff met on May 17, 2010, to review new groundwater data received in April 2010. At that time, several groundwater samples were identified with contaminant concentrations above the New Mexico or federal water quality standards.

An Environmental Programs staff member notified the New Mexico Environment Department Hazardous Waste Bureau about these findings by telephone on May 17, 2010, and followed up with an email on the same day.

The one instance of a contaminant above a standard for the first time (based on samples collected since June 14, 2007) is tabulated in the attached report. This instance was the following:

- Bis(2-ethylhexyl)phthalate was found in an unfiltered sample at regional aquifer well R-54 at 11.2 µg/L; the U.S. Environmental Protection Agency maximum contaminant level is 6 µg/L.

This letter is our written submission that indicates in the accompanying report and tables the chemical constituents that meet the seven screening criteria laid out in the Compliance Order on Consent, modified on May 13, 2008.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or David Gregory at (505) 667-5808 (dgregory@doeal.gov).

Sincerely,

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

David R. Gregory, Project Director
Environmental Operations
Los Alamos Site Office

MG/DG/DM/SM/DR:sm

Enclosure: Two hard copies with electronic files – Summary of New Los Alamos National Laboratory Groundwater Data Loaded in April 2010 (LA-UR-10-1792)

Cy: (w/enc.)
Neil Weber, San Ildefonso Pueblo
Hai Shen, DOE-LASO, MS A316
Steve Paris, EP-CAP, MS M992
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Cy: (Letter and CD only)
Laurie King, EPA Region 6, Dallas, TX
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Kristine Smeltz, EP-WES, MS M992

Cy: (w/o enc.)
Pete Padilla, Los Alamos County Utility Department, Los Alamos, NM
Annette Russell, DOE-LASO (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM
David Rogers, EP-ET-DO, MS M992
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Michael J. Graham, ADEP, MS M991
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